

XP-002183615

AN - 1983-50725K [21]

A - [001] 013 038 04- 075 080 140 154 180 213 214 215 231 273 328 359 398
431 440 442 465 473 477 53& 532 533 535 536 546 623 627 628 664 665 681

AP - JP19810164654 19811015

CPY - KOBE

DC - A21 A85 L03 P73

FS - CPI;GMPI

IC - B32B5/22 ; C08J5/24

KS - 0004 0034 0037 0206 0231 1277 1357 1389 1517 2020 2198 2317 2427 2434
2436 2492 2493 2572 2723 2725 2740 2820 3251

MC - A05-C01 A12-B02 A12-B03 A12-E07A L03-H04E1

PA - (KOBE) SHIN KOBE ELECTRIC MACHINERY

PN - JP58065650 A 19830419 DW198321 003pp
- JP61043192B B 19860926 DW198643 000pp

PR - JP19810164654 19811015

XA - C1983-049317

XIC - B32B-005/22 ; C08J-005/24

XP - N1983-090899

AB - J58065650 Phenol resin impregnated laminate comprises an inner layer consisting of paper impregnated with oil modified phenol resin and an outer layer consisting of non-woven fabric having low hygroscopic character, where the fabric is treated with chelating agents.

- In an example, non-woven fabric (50 g/m²) is impregnated with an aq. soln. of 1.5 wt.% EDTA and is dried. This treated fabric is impregnated with varnish of phenol formaldehyde pre-condensate reacted phenol, paraformaldehyde and trimethylamine as a catalyst and is dried.

- Migration of silver atom from a printed circuit to another printed circuit in printed circuit laminate is prevented in comparison to prior art laminates. The chelating agent include e.g. EDTA or diphenylthiocarubazone. The amts. of chelating agents are 0.01-1 g/cm².

IW - POLYPHENOL RESIN IMPREGNATE LAMINATE COMPRISE INNER LAYER MODIFIED PAPER OUTER LAYER NONWOVEN FABRIC PRETREATMENT CHELATE AGENT

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NC - 001

OPD - 1981-10-15

ORD - 1983-04-19

PAW - (KOBE) SHIN KOBE ELECTRIC MACHINERY

TI - Phenol] resin impregnated laminate - comprises inner layer of modified paper and outer layer of nonwoven fabric pretreated with chelating agent